

Attorney Docket No.: DEX-0176
Inventors: Ali et al.
Serial No.: 09/787,844
Filing Date: August 6, 2001
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This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claims 1-7 (canceled)

Claim 8 (currently amended): A method of imaging a gynecologic cancer comprising contacting a cell with a polyclonal or monoclonal antibody which specifically binds the native protein ~~encoded~~ expressed by SEQ ID NO:1 and detecting bound polyclonal or monoclonal antibody indicative of the presence of a gynecologic cancer.

Claim 9 (previously presented): The method of claim 8 wherein said polyclonal or monoclonal antibody is labeled with a fluorescent reagent, an enzyme, a paramagnetic ion or a radioisotope.

Claim 10-13 (canceled)

Claim 14 (currently amended): A method of delivering a derivatized polyclonal or monoclonal antibody to a gynecologic cancer cell comprising administering to the

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cell a derivatized antibody which specifically binds the native protein ~~encoded~~ expressed by SEQ ID NO:1.

Claim 15 (previously presented): The method of claim 14 wherein said polyclonal or monoclonal antibody is labeled with a fluorescent reagent, an enzyme, a paramagnetic ion or a radioisotope.

Claim 16-17 (canceled)

Claim 18 (currently amended): A method of delivering a derivatized polyclonal or monoclonal antibody to a gynecologic tumor comprising administering to the tumor a derivatized polyclonal or monoclonal antibody which specifically binds the native protein ~~encoded~~ expressed by SEQ ID NO:1.

Claim 19 (previously presented): The method of claim 18 wherein said polyclonal or monoclonal antibody is labeled with a fluorescent reagent, an enzyme, a paramagnetic ion or a radioisotope.

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Claims 20-22 (canceled)

Claim 23 (currently amended): The method of claim 8 wherein the polyclonal or monoclonal antibody binds to the active protease domain of the native protein ~~eneeded~~ expressed by SEQ ID NO:1.

Claim 24 (previously presented): The method of claim 23 wherein the active protease domain consists of 273 amino acids.

Claim 25 (canceled)

Claim 26 (currently amended): The method of claim 14 wherein the polyclonal or monoclonal antibody binds to the active protease domain of the native protein ~~eneeded~~ expressed by SEQ ID NO:1.

Claim 27 (previously presented): The method of claim 26 wherein the active protease domain consists of 273 amino acids.

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Claim 28 (previously presented): The method of claim 8 wherein the gynecologic cancer is selected from the group consisting of ovarian, cervical, endometrial, uterine and breast cancer.

Claim 29 (previously presented): The method of claim 8 wherein the gynecologic cancer is ovarian cancer.

Claim 30 (previously presented): The method of claim 8 wherein the gynecologic cancer is cancer of the cervix.

Claim 31 (previously presented): The method of claim 8 wherein the gynecologic cancer is cancer of the endometrium.

Claim 32 (previously presented): The method of claim 8 wherein the gynecologic cancer is cancer of the uterus.

Claim 33 (previously presented): The method of claim 8 wherein the gynecologic cancer is breast cancer.

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Claim 34 (previously presented): The method of claim 14 wherein the gynecologic cancer is selected from the group consisting of ovarian, cervical, endometrial, uterine and breast cancer.

Claim 35 (previously presented): The method of claim 14 wherein the gynecologic cancer is ovarian cancer.

Claim 36 (previously presented): The method of claim 14 wherein the gynecologic cancer is cancer of the cervix.

Claim 37 (previously presented): The method of claim 14 wherein the gynecologic cancer is cancer of the endometrium.

Claim 38 (previously presented): The method of claim 14 wherein the gynecologic cancer is cancer of the uterus.

Claim 39 (previously presented): The method of claim 14 wherein the gynecologic cancer is breast cancer.

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Claim 40 (previously presented): The method of claim 18 wherein the gynecologic cancer is selected from the group consisting of ovarian, cervical, endometrial, uterine and breast cancer.

Claim 41 (previously presented): The method of claim 18 wherein the gynecologic cancer is ovarian cancer.

Claim 42 (previously presented): The method of claim 18 wherein the gynecologic cancer is cancer of the cervix.

Claim 43 (previously presented): The method of claim 18 wherein the gynecologic cancer is cancer of the endometrium.

Claim 44 (previously presented): The method of claim 18 wherein the gynecologic cancer is cancer of the uterus.

Claim 45 (previously presented): The method of claim 18 wherein the gynecologic cancer is breast cancer.